

S/N 10/804,804



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Daniel J. Kane et al.	Examiner:	Unknown
Serial No.:	10/804,804	Group Art Unit:	Unknown
Filed:	March 18, 2004	Docket:	70047-42-UT
Title:	METHOD AND APPARATUS FOR IMAGING INTERNAL STRUCTURES OF TRANSPARENT AND TRANSLUCENT MATERIALS		

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 13-4213 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Serial No : 10/804,804

Filing Date: March 18, 2004

Title: METHOD AND APPARATUS FOR IMAGING INTERNAL STRUCTURES OF TRANSPARENT AND TRANSLUCENT MATERIALS

Page 2

Dkt: 70047-42-UT

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

DANIEL J. KANE ET AL.

By their Representatives,

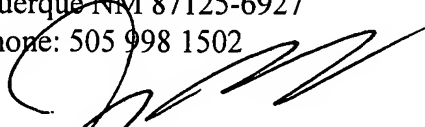
Peacock, Myers & Adams, P.C.

P.O. Box 26927

Albuquerque NM 87125-6927

Telephone: 505 998 1502

Date July 23, 2004

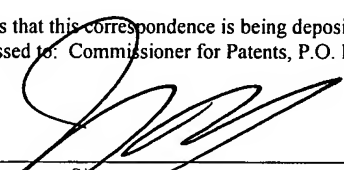
By 

Jeffrey D. Myers

Reg. No. 35,964

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 23rd day of July, 2004.

Jeffrey D. Myers
Name


Signature

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/804,804
Filing Date	March 18, 2004
First Named Inventor	Kane, Daniel
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 1 of 2

Attorney Docket No: 70047-42-UT

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-5,565,986	10/15/1996	Knuttel, A.			03/16/1995
	US-5877856A	03/02/1999	Fercher, Adolph F.			05/14/1997
	US-6377349B1	04/23/2002	Fercher, Adolph F.			03/30/1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T ²
--------------------	---------------------	------------------	---	-------	----------	----------------

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		FERCHER, ADOLPH F., et al., "Measurement of Introocular Distances by Backscattering Spectral Interferometry", <u>Optics Communications</u> , Vol. 117, (05/15/1995), 43-48	
		HAUSLER, GERD, et al., "'Coherence Radar" and Spectral Radar" -- New Tools for Dermatological Diagnosis", <u>Journal of Biomedical Optics</u> , Vol. 3, No. 1, (01/00/1998), 21-31	
		LEITGEB, RAINER A., et al., "Performance of Fourier Domain vs. Time Domain Optical Coherence Tomography", <u>Optics Express</u> , Vol. 11, No. 8, (04/21/2003), 889-894	
		LEITGEB, RAINER A., et al., "Phase-Shifting Algorithm to Achieve High-Speed Long-Depth-Range Probing by Frequency-Domain Optical Coherence Tomography", <u>Optics Letters</u> , Vol. 28, No. 22, (11/15/2003), 2201-2203	
		PENNWELL CORPORATION, "Differential Spectral Interferometry May Boost Dynamic Range of OCT", <u>OptoElectronics World New</u> , <u>Laser Focus World</u> , (01/00/2004),	
		SCHMIT, JOANNA, et al., "Extended Averaging Technique for Derivation of Error-Compensating Algorithms in Phase-Shifting Interferometry", <u>Applied Optics</u> , Vol. 34, No. 19, (07/01/1995), 3610-3619	
		VAKHTIN, ANDREI B., et al., "Common-Path Interferometer for Frequency-Domain Optical Coherence Tomography", <u>Applied Optics</u> , Vol. 42, No. 34, Inventors' published paper, (12/01/2003), 6953-6958	
		VAKHTIN, ANDREI B., et al., "Differential Spectral Interferometry: An Imaging Technique for Biomedical Applications", <u>Optics Letters</u> , Vol. 28, No. 15, Inventors' published paper, (08/01/2003), 1332-1334	
		VAN STAVEREN, HUGO J., et al., "Light Scattering in Intralipid - 10% in the Wavelength Range of 400 - 1100 nm", <u>Applied Optics</u> , Vol. 30, No. 31, (11/01/1991), 4507-4514	
		WOJTKOWSKI, MACIEJ, et al., "Full Range Complex Spectral Optical Coherence Tomography Technique in Eye Imaging", <u>Optics Letters</u> , Vol. 27, No. 15, (08/15/2002), 1415-1417	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/804,804
Filing Date	March 18, 2004
First Named Inventor	Kane, Daniel
Group Art Unit	Unknown
Examiner Name	Unknown

Sheet 2 of 2

Attorney Docket No: 70047-42-UT

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		WOJTKOWSKI, MACIEJ , et al., "In Vivo Human Retinal Imaging by Fourier Domain Optical Coherence Tomography", <u>Journal of Biomedical Optics</u> , Vol. 7, No. 3, (07/00/2002),457-463	

EXAMINER**DATE CONSIDERED**

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.¹ Applicant's unique citation designation number (optional) ² Applicant is to place a check mark here if English language Translation is attached